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14 April 1967
552-552A-OD-325

PROGRESS REPORT - 552 and 552A

For March 1967

552 #101

Rebuilt laser supplies and head were shipped and installed. A field trip made March 13 and 14 succeeded only in installing lasers as a system circuit fault prevented successful operation. Also, during this trip, higher voltage transistors were installed in digimotor circuits, but another circuit fault prevented completion of this job. A technician will be at customer's facility early in April to correct both problems and optical checkout of lasers will follow that.

552A #102

We are awaiting action on proposal to repair system.

552A #103

System apparently working well, but will need an optical check-up after equipment is moved to its operational site.

552A #104

Further refinements of film drive were completed on system, notably in power assist load sensors. A more positive mechanical nulling arrangement and friction and electrical damping were added to improve smoothness of start-off in "power assist" mode.

Declass Review by

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Mechanical alignments were also refined to improve "manual" mode of operation. "Full Power" mode appears to work reliably although film guides have to be carefully adjusted so not to overburden drive motors and increase scratching of film. Development work on drive will continue into April, although a successful conclusion will be made very soon.

Balance of work to complete system is to check, adjust, and debug all machine functions as all assembly work is complete.

Customer made a system checkout on 3/20/67 with results of this visit are attached. Action was taken to correct all objections with completion due early in April for customer inspection.

Enclosures:

- 1) Customer visit note
- 2) Financial Report

WWB:lms